

VALUE GENERATION
UNIQUE VALUE
MEMORY UNIT

MESSAGE
INPUT UNIT

PRIVATE KEY
PROCESSING UNIT

FIG.3

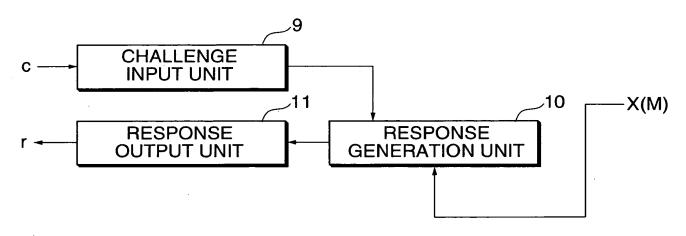
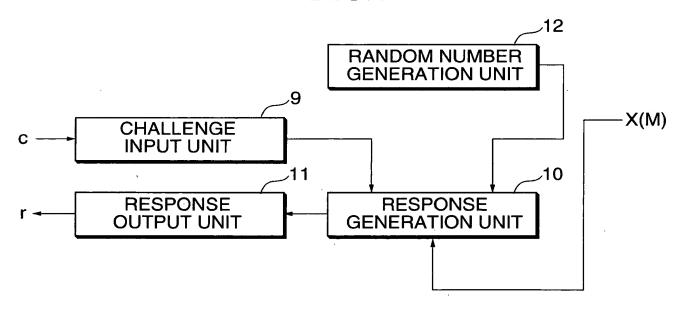


FIG.4



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FIG.5

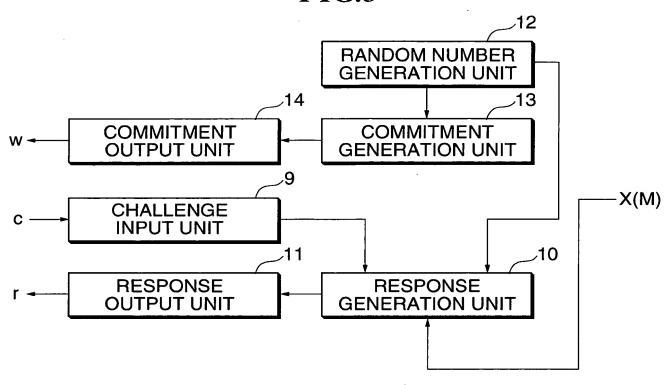
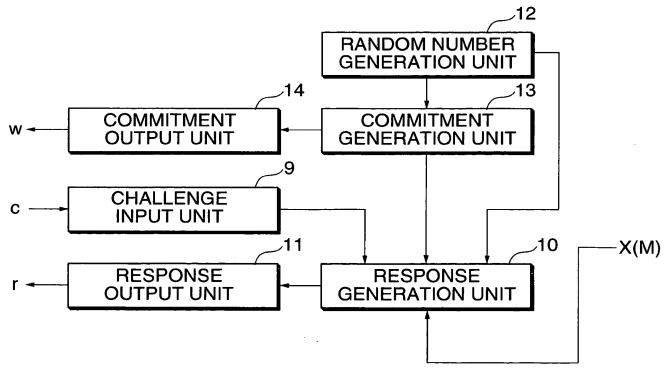


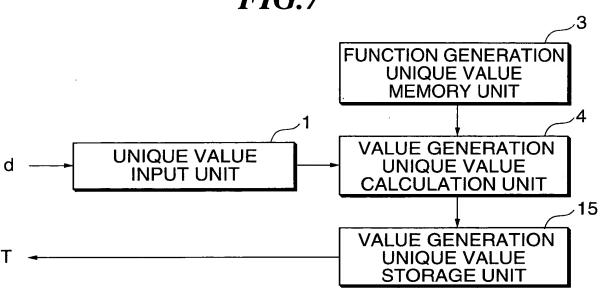
FIG.6



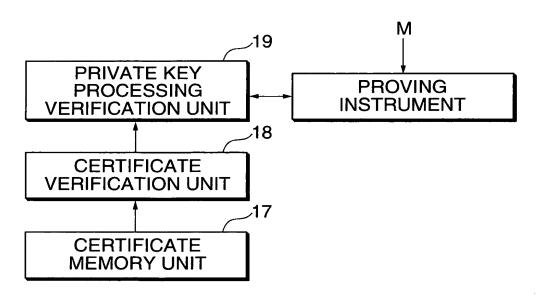
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FIG.7

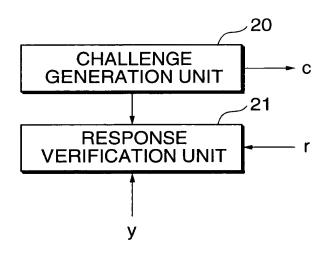


## FIG.8

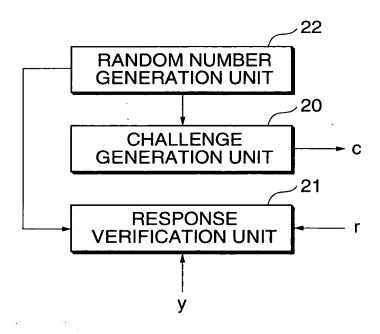


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FIG.9



**FIG.10** 



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**FIG.11** 

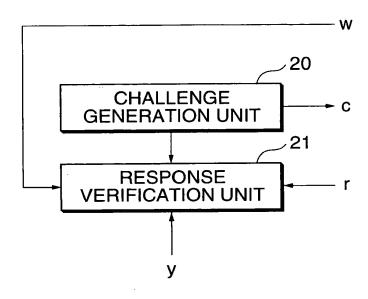
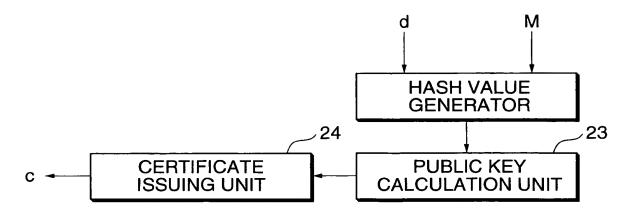


FIG.12





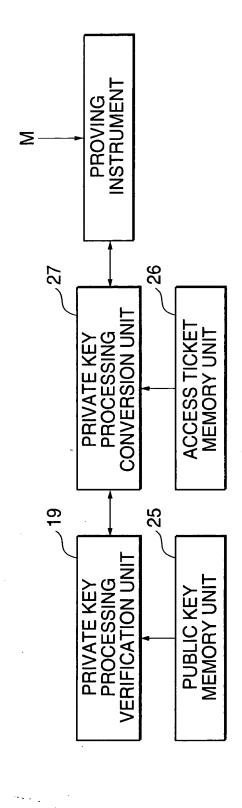
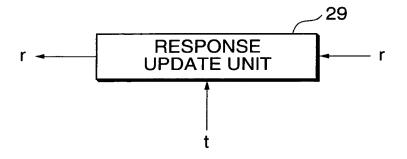


FIG.14



FIG.15



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FIG.16

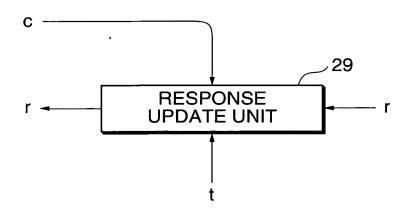


FIG.17

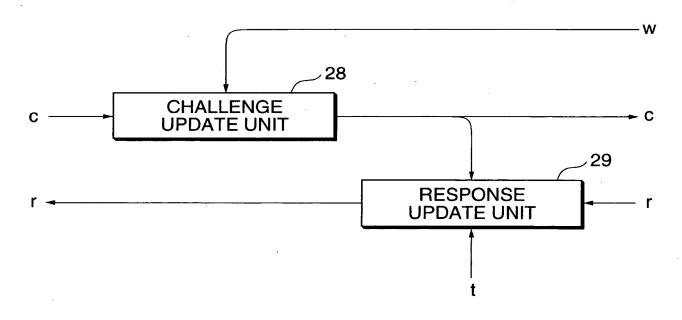


FIG.18

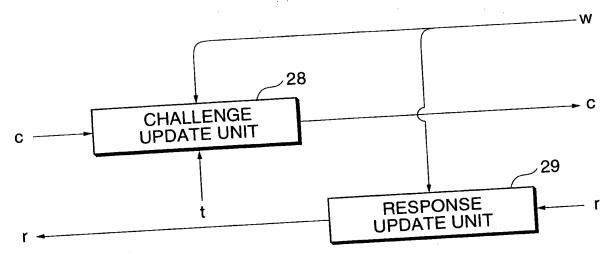
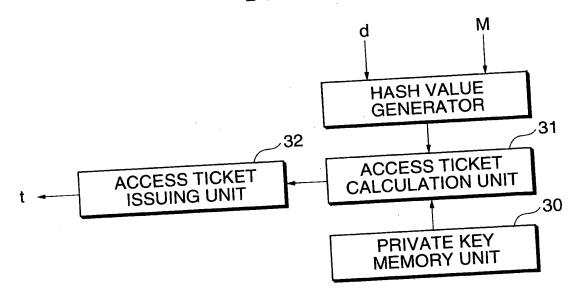


FIG.19



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